CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/W.No.10/GVG/CSR.1/738/CUBE/2014-15 24.02.2015

TEST REPORT ON CONCRETE CUBES

* Client	: **Asst. Executive Engineer,** Vidyaranyapura Sub Division, BBMP, Bangalore.
* Agency	: **Mr. G. Venkatesh Gowda,** No. 53/1, 14th 'A' Cross, 'A' Sector, Yelahanka New Town, Bangalore – 64.
* Name of the work	: Improvements to Roads and Drains at BEL 2nd Block 5th Cross Road Left Side in Ward No.10 (Doddabommasandra), Vidyaranyapura Sub Division, BBMP, Bangalore.
* Reference	: AEE/BBMP/VSD/PR/599/1/2014-15 Dated: 17.01.2015
* Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
* Grade of Concrete	: M_{20}
Compressive Strength as o	: 28^{th} day
Sample Received on	: 24.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.01.2015	24.02.2015	8.159	479.3	21.30
2	27.01.2015	24.02.2015	8.225	510.3	22.68
3	27.01.2015	24.02.2015	8.346	529.3	23.5

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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Jadhav
AE

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Quality Manager

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Sample Received on	: 24.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.01.2015	24.02.2015	8.139	480.5	21.36
2	27.01.2015	24.02.2015	8.289	502.3	22.32
3	27.01.2015	24.02.2015	8.395	516.7	22.96

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Job No.: CTCE/BBMP/W.No.10/GVG/CSR.1/738/CUBE/2014-15 25.02.2015

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* Sample ID	: Cement Concrete
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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
* Grade of Concrete	: M_{20}
Compressive Strength as o	: 28^{th} day
Sample Received on	: 25.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2015	25.02.2015	8.290	475.5	21.13
2	28.01.2015	25.02.2015	8.375	500.5	22.24
3	28.01.2015	25.02.2015	8.469	515.3	22.90

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Sample Received on	: 25.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2015	25.02.2015	8.199	480.5	21.36
2	28.01.2015	25.02.2015	8.285	512.4	22.77
3	28.01.2015	25.02.2015	8.389	523.6	23.27

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